

AMENDMENT TO THE SPECIFICATION

Please amend paragraph [0003] of Applicant's original specification as follows:

[0003] More sophisticated ad-hoc networks are also being developed which, in addition to enabling mobile nodes to communicate with each other as in a conventional ad-hoc network, further enable the mobile nodes to access a fixed network and thus communicate with other mobile nodes, such as those on the public switched telephone network (PSTN), and on other networks such as the Internet. Details of these advanced types of ad-hoc networks are described in U.S. patent application Ser. No. 7,072,650 ~~09/897,790~~ entitled "Ad Hoc Peer-to-Peer Mobile Radio Access System Interfaced to the PSTN and Cellular Networks", issued on July 4, 2006 ~~filed on Jun. 29, 2001~~, in U.S. patent application Ser. No. 6,807,165 ~~09/815,157~~ entitled "Time Division Protocol for an Ad-Hoc, Peer-to-Peer Radio Network Having Coordinating Channel Access to Shared Parallel Data Channels with Separate Reservation Channel", issued on October 19, 2004 ~~filed on Mar. 22, 2001~~, and in U.S. patent application Ser. No. 6,873,839 ~~09/815,164~~ entitled "Prioritized-Routing for an Ad-Hoc, Peer-to-Peer, Mobile Radio Access System", issued on March 29, 2005 ~~filed on Mar. 22, 2001~~, the entire content of each being incorporated herein by reference.

Please amend paragraph [0018] of Applicant's original specification as follows:

[0018] As can be appreciated by one skilled in the art, the nodes 102, 106 and 107 are capable of communicating with each other directly, or via one or more other nodes 102, 106 or 107 operating as a router or routers for data packets being sent between nodes 102, 106 or 107, as described in U.S. Patent No. 5,943,322 to Mayor and in U.S. patent application Serial Nos. 7,072,650 ~~09/897,790~~, 6,807,165 ~~09/815,157~~ and 6,873,839 ~~09/815,164~~, referenced above. Specifically, as shown in Fig. 2, each node 102, 106 and 107 includes a transceiver 108 which is coupled to an antenna 110 and is capable of receiving and transmitting signals, such as packetized data signals, to and from the node 102, 106 or 107 under the control of a controller 112. The packetized data signals can include, for example, voice, data or multimedia.

Please amend paragraph [0021] of Applicant's original specification as follows:

[0021] As discussed in the Background section above, it may be necessary or desirable for a mobile node 102 to be capable of knowing or determining its geographic location. Some techniques determine the location of a mobile node 102 based on the distances of the mobile node 102 to other nodes 102, 106 and/or 107 in the network 100, which can be used to compute the Cartesian or geographical coordinates of the mobile node 102. These distances can be computed based on the propagation times of radio signals from the mobile node 102 to the other nodes 102, 106 and/or 107. An example of a technique that determines the location of a mobile node in this manner is described in a ~~co-pending~~ U.S. patent number 6,768,730 ~~application~~ of Eric A. Whitehill entitled "A System and Method for Efficiently Performing Two-Way Ranging to Determine the Location of a Wireless Node in a Communications Network", ~~Serial No. 09/973,799~~, issued on July 27, 2004 ~~filed on October 11, 2001~~, and in U.S. patent applications ~~Serial Nos. 6,876,326 09/839,598 and 6,486,831 09/839,576~~, the entire contents of each of these applications being incorporated herein by reference.